

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A method for searching a drug to a protease derived from SARS using a cell-free protein synthesis means with the use of a wheat embryo extract solution comprising at least steps 3) to 5) of the following steps:

1) synthesizing a gene comprising a gene encoding the protease derived from SARS, wherein the step is based on base sequence information of the gene of the protease derived from SARS,

2) synthesizing an mRNA from the gene synthesized in step 1),

3) synthesizing the protease derived from SARS using a cell-free protein synthesis system with the use of a wheat embryo extract solution, using the mRNA synthesized in step 2) as a translation template or the gene synthesized in step 1) as a transcription template,

4) determining the reactivity of a candidate drug to the protease derived from SARS by adding the candidate drug to the cell-free protein synthesis system with the use of a wheat embryo extract solution, and

5) screening a drug to the protease derived from SARS by using the reactivity as an indicator, and

wherein the wheat embryo extract solution is a cell-free protein synthesis means with a wheat embryo extract from which an endosperm and a low molecular synthesis inhibitor are substantially removed.

2. (Previously presented) The method for searching a drug according to the claim 1, wherein the indicator of reactivity to the protease derived from SARS is based on the reactivity to autodigestion of the protease derived from SARS.

3. (Previously presented) The method for searching a drug according to the claim 1, wherein the indicator of reactivity to the protease derived from SARS is based on the reactivity to substrate recognition of the protease derived from SARS.

4. (Previously presented) The method for searching a drug according to the claim 1, wherein the indicator of reactivity to the protease derived from SARS is based on the protease derived from SARS' autodigestion in a folding process, inhibition or termination of folding, or induction of misfolding.

5. (Canceled)

6. (Previously presented) The method for searching a drug according to claim 1, wherein the steps 3) to 5) or 2) to 5) are conducted in a single reaction system.

7-20. (Canceled).